

# INTERNATIONAL SEARCH REPORT

Inte      al Application No  
PCT/IB2004/004233

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7    A61K49/22    A61K51/12    A61K47/48    A61K41/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7    A61K		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 562 099 A (COHEN ET AL) 8 October 1996 (1996-10-08)  claims; examples	1,2,4-8, 11,19, 34,35, 37-39, 43-46
X	US 6 331 289 B1 (KLAVERNESS JO ET AL) 18 December 2001 (2001-12-18)  column 11, line 45 - column 13, line 7; claims  <div style="text-align: center;">----- -/-</div>	1,2, 4-11,16, 19-22, 29,30, 34,35, 37-39,45
<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex.</span> </div>		
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Date of the actual completion of the international search  <div style="text-align: center;">17 May 2005</div>		Date of mailing of the international search report  <div style="text-align: center;">30/05/2005</div>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer  <div style="text-align: center;">Venturini, F</div>

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**EPO-Internal, WPI Data, PAJ**

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

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PCT/IB2004/004233

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95/23615 A (HOLMES, MICHAEL, JOHN; NYCOMED IMAGING AS; KLAVERNESS, JO; BALINOV, BAL) 8 September 1995 (1995-09-08) page 10, line 9 - page 12, line 30; claims; example 1	1, 16, 19, 20, 30, 34, 35, 37-39, 45
A	US 5 531 980 A (SCHNEIDER ET AL) 2 July 1996 (1996-07-02) claims	1-46
A	WO 03/015831 A (BRISTOL-MYERS SQUIBB PHARMA COMPANY) 27 February 2003 (2003-02-27) claims; examples	1-46
A	US 6 221 337 B1 (DUGSTAD HARALD ET AL) 24 April 2001 (2001-04-24) the whole document	1-46

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Inten 31 Application No  
PCT/IB2004/004233

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5562099	A	08-10-1996	US 5487390 A 30-01-1996
			US 5308701 A 03-05-1994
			US 5149543 A 22-09-1992
			WO 9519184 A1 20-07-1995
			US 5494682 A 27-02-1996
			AT 147263 T 15-01-1997
			CA 2093431 A1 06-04-1992
			DE 69124101 D1 20-02-1997
			DE 69124101 T2 22-05-1997
			DK 551411 T3 27-01-1997
			EP 0551411 A1 21-07-1993
			ES 2099172 T3 16-05-1997
			GR 3022589 T3 31-05-1997
			JP 3471796 B2 02-12-2003
			JP 6505961 T 07-07-1994
			WO 9205778 A1 16-04-1992
US 6331289	B1	18-12-2001	US 2005002865 A1 06-01-2005
			US 2002102217 A1 01-08-2002
			AT 249247 T 15-09-2003
			AU 733477 B2 17-05-2001
			AU 4718297 A 22-05-1998
			AU 733495 B2 17-05-2001
			AU 4786697 A 22-05-1998
			AU 4786797 A 22-05-1998
			AU 4786897 A 22-05-1998
			AU 4786997 A 22-05-1998
			AU 4787097 A 22-05-1998
			BG 103438 A 31-01-2000
			BG 103439 A 31-01-2000
			BR 9712683 A 19-10-1999
			BR 9713978 A 02-05-2000
			CA 2269985 A1 07-05-1998
			CA 2270120 A1 07-05-1998
			CN 1440816 A 10-09-2003
			CN 1238700 A 15-12-1999
			CN 1234742 A 10-11-1999
			CZ 9901494 A3 15-09-1999
			DE 69724817 D1 16-10-2003
			DE 69724817 T2 01-07-2004
			EP 1007101 A2 14-06-2000
			EP 0973552 A2 26-01-2000
			EP 0991427 A2 12-04-2000
			EP 0971747 A2 19-01-2000
			EP 0946202 A2 06-10-1999
			EP 0963209 A2 15-12-1999
			ES 2206689 T3 16-05-2004
			WO 9818500 A2 07-05-1998
			WO 9818501 A2 07-05-1998
			WO 9818495 A2 07-05-1998
			WO 9818496 A2 07-05-1998
			WO 9818497 A2 07-05-1998
			WO 9818498 A2 07-05-1998
			HU 0000357 A2 28-06-2000
			JP 2001511765 T 14-08-2001
			JP 2001503407 T 13-03-2001
			JP 2002515889 T 28-05-2002
			JP 2001502719 T 27-02-2001

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/004233

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6331289	B1		KR 2000052829 A	25-08-2000
			KR 2000052830 A	25-08-2000
			NO 991889 A	28-06-1999
			NO 991890 A	28-06-1999
			NZ 335596 A	27-10-2000
			NZ 335799 A	24-11-2000
WO 9523615	A	08-09-1995	AU 1818695 A	18-09-1995
			EP 0748227 A1	18-12-1996
			WO 9523615 A1	08-09-1995
			JP 9509612 T	30-09-1997
			NO 963617 A	31-10-1996
			US 6110444 A	29-08-2000
US 5531980	A	02-07-1996	US 5380519 A	10-01-1995
			US 6136293 A	24-10-2000
			US 5911972 A	15-06-1999
			US 2002150538 A1	17-10-2002
			US 2003064030 A1	03-04-2003
			US 2003064027 A1	03-04-2003
			US 2003017109 A1	23-01-2003
			US 2003185759 A1	02-10-2003
			US 2003194376 A1	16-10-2003
			US 6613306 B1	02-09-2003
			US 5658551 A	19-08-1997
			US 5567414 A	22-10-1996
			US 5643553 A	01-07-1997
			US 6485705 B1	26-11-2002
			US 6585955 B1	01-07-2003
			US 2001024640 A1	27-09-2001
			US 2004208826 A1	21-10-2004
			US 2004197269 A1	07-10-2004
			US 6110443 A	29-08-2000
			US 2005058605 A1	17-03-2005
			AT 125711 T	15-08-1995
			AU 630030 B2	15-10-1992
			AU 7582891 A	30-10-1991
			CA 2056371 A1	03-10-1991
			CN 1055298 A ,C	16-10-1991
			DE 69111719 D1	07-09-1995
			DE 69111719 T2	04-04-1996
			DK 474833 T3	30-10-1995
			WO 9115244 A2	17-10-1991
			EP 0474833 A1	18-03-1992
			ES 2075438 T3	01-10-1995
			GR 3017324 T3	31-12-1995
			IE 911048 A1	09-10-1991
			IL 97730 A	08-12-1995
			IN 172208 A1	01-05-1993
			JP 11071265 A	16-03-1999
			JP 2842453 B2	06-01-1999
			JP 4506670 T	19-11-1992
			JP 2003221350 A	05-08-2003
			KR 9602184 B1	13-02-1996
			NZ 237637 A	25-06-1992
			US 2001008626 A1	19-07-2001
			US 2001012507 A1	09-08-2001
			US 5271928 A	21-12-1993

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/IB2004/004233

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5531980 A		ZA 9102427 A	29-01-1992
		US 5578292 A	26-11-1996
		US 6592846 B1	15-07-2003
WO 03015831 A	27-02-2003	WO 03015831 A1	27-02-2003
		BR 0117106 A	17-08-2004
		CA 2456988 A1	27-02-2003
		EP 1416974 A1	12-05-2004
		JP 2005505532 T	24-02-2005
		MX PA04001468 A	20-05-2004
US 6221337 B1	24-04-2001	AP 890 A	13-11-2000
		AT 237362 T	15-05-2003
		AT 238072 T	15-05-2003
		AU 722735 B2	10-08-2000
		AU 1805197 A	02-09-1997
		AU 726503 B2	09-11-2000
		AU 1884797 A	02-09-1997
		BG 102758 A	30-09-1999
		CA 2246778 A1	21-08-1997
		CA 2246779 A1	21-08-1997
		CN 1213971 A ,C	14-04-1999
		CN 1213972 A	14-04-1999
		CZ 9802625 A3	12-05-1999
		CZ 9802626 A3	17-03-1999
		DE 69720979 D1	22-05-2003
		DE 69720979 T2	26-02-2004
		DE 69721235 D1	28-05-2003
		DE 69721235 T2	05-02-2004
		EA 900 B1	26-06-2000
		EA 1135 B1	30-10-2000
		EE 9800248 A	15-02-1999
		EE 9800249 A	15-02-1999
		EP 1331013 A2	30-07-2003
		EP 0885016 A1	23-12-1998
		EP 0881915 A1	09-12-1998
		ES 2197331 T3	01-01-2004
		ES 2197986 T3	16-01-2004
		WO 2004073750 A1	02-09-2004
		WO 9729782 A1	21-08-1997
		WO 9729783 A1	21-08-1997
		HK 1014872 A1	06-02-2004
		HU 9900812 A2	28-07-1999
		HU 9900813 A2	28-07-1999
		IL 125748 A	23-05-2002
		JP 2000506122 T	23-05-2000
		JP 2000511510 T	05-09-2000
		NO 983420 A	24-07-1998
		NO 983584 A	16-10-1998
		NZ 331372 A	28-01-2000
		NZ 331509 A	28-04-2000
		OA 10839 A	13-08-2001
		PL 328309 A1	18-01-1999
		PL 328406 A1	18-01-1999
		PT 881915 T	30-09-2003
		SK 112698 A3	13-04-1999
		TR 9801613 T2	23-11-1998
		US 6165442 A	26-12-2000

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/004233

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6221337	B1	US 6217850 B1	17-04-2001